Second International Workshop on Automatic Translation for Signed and Spoken Languages (AT4SSL 2023)

Sign Language Parallel Data - Challenges, Solutions and Resolutions

Tampere, Finland 15 June 2023

Editors:

Dimitar Shterionov Mirella De Sisto Mathias Muller Davy Van Landuyt Rehana Omardeen Shaun Oboyle Annelies Braffort
Floris Roelofsen
Frederic Blain
Bram Vanroy
Eleftherios Avramidis

ISBN: 978-1-7138-8994-6

Printed from e-media with permission by:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright for individual papers remains with the authors and are licensed under a Creative Commons 3.0 license, CC-BY-ND. (https://creativecommons.org/licenses/by-nd/3.0/)

Printed with permission by Curran Associates, Inc. (2024)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics 209 N. Eighth Street Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006 Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc. 57 Morehouse Lane Red Hook, NY 12571 USA Phone: 845-758-0400

Fax: 845-758-2633

Email: curran@proceedings.com Web: www.proceedings.com

Contents

Preface by the Workshop Organizers	i
AT4SSL 2023 Committees	iii
Workshop Program	iv
Long Papers	1
Natalie Hollain, Martha Larson and Floris Roelofsen. Analyzing the Potential of Lin-	
guistic Features for Sign Spotting: A Look at Approximative Features Thierry Declerck, Sam Bigeard, Fahad Khan, Irene Murtagh, Sussi Olsen, Mike Rosner, Ineke Schuurman, Andon Tchechmedjiev and Andy Way. A Linked Data	3
Approach for linking and aligning Sign Language and Spoken Language Data Amit Moryossef, Mathias Müller, Anne Göhring, Zifan Jiang, Yoav Goldberg and Sarah Ebling. An Open-Source Gloss-Based Baseline for Spoken to Signed Lan-	13
guage Translation	25
Short Papers	37
Mirella De Sisto, Vincent Vandeghinste and Dimitar Shterionov. A New English-	
Dutch-NGT Corpus for the Hospitality Domain	39
Euan McGill and Horacio Saggion. BSL-Hansard: A parallel, multimodal corpus of	
English and interpreted British Sign Language data from parliamentary proceedings - Zaid Mohammed and Irene Murtagh. Towards Accommodating Gerunds within the	43
Sian Language Lexicon	49